

Belgian Patent No. 814,319

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KINGDOM OF BELGIUM
MINISTRY OF ECONOMIC AFFAIRS
PATENT NO. 814,319

Int. Cl.:
Issued:

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August 16, 1974

The Minister of Economic Affairs.

Considering the law of May 24, 1854 on patents:

Considering the record drawn up April 29, 1974 at 2:10 p.m.
at the Patent Rights Department;

DECREES:

Article 1. – Granted to Mr. Armand Sohie, Edificio Neptuno, Fuengirola (Spain)
represented by the Vander Haeghen offices in Brussels

is a patent for: Chamber for spraying of a sun protection and tanning product.

Article 2. – This patent is granted without previous examination, at his own risks, without
guarantee of the reality, the novelty or the merit of the invention, or the accuracy of the
description, and without prejudice to the right of third parties.

One of the duplicates of the specification of the invention (description and possibly
drawings), signed by the concerned party and filed in support of his patent application, will
remain attached to the present decree.

Brussels, May 15, 1974
By special delegation
The general director
[signature]

Description
attached to an application for
Belgian patent
filed by
Armand Sohie
relating to:

Chamber for spraying of a sun protection and tanning product.

Proposed designation: Patent

The present invention relates to a chamber for spraying of a sun protection and tanning product.

Application on the body of a sun protection and tanning product is not easy for a person alone on a beach or heliotherapy terrace.

It is in order to remedy this inconvenience that the spraying chamber according to the invention was designed. This chamber allows a person alone to apply a sun protection and tanning product in a few moments over the whole body in a uniform layer.

The chamber according to the invention has a dressing room compartment and a spraying compartment, the latter having a spraying device and a device for triggering the spraying device. It can have spraying components oriented according to several converging directions.

Various embodiments of this chamber are possible. Two examples, which are in no way limiting, will be described hereafter in reference to the attached drawings in which:

- Figure 1 is a vertical section of one form of execution;
- Figure 2 is a top view of a variation of a form of execution.

Chamber 1, of any shape and produced out of any material, has two compartments 2 and 3 separated by partition 4 which can, for example, be a curtain. Compartment 2 is used as dressing room: the user can undress and put a cap on his head in order to protect his hair and even possibly his face before going into compartment 3. This compartment has a device for spraying of a sun protection and tanning product. In the drawing, the spraying device is diagrammed by three spraying elements 5 arranged, for the simplicity of the drawing, on a single wall of compartment 3. The number of spraying elements and their distribution can be any. These devices 5 are connected by pipe 6 to tank 7 containing a sun protection and tanning product. Upstream from spraying devices 5, pipe 6 has valve 8, the opening of which is controlled by a mechanically, electrically or otherwise controlled triggering device, which is diagrammed by operating handle 9 and which, for example, can be maneuvered by the user who has placed himself a suitable distance from the spraying devices. The triggering device can consist of any suitable mechanically, electrically or otherwise controlled device. Handle 9 is obviously only represented as an example. It could in particular be replaced by a push button, a pedal or a floor with an electrical contact.

Several tanks can be provided for different products: a greasy product and a dry product, for example, each tank then being associated with a separate triggering device.

In another embodiment example, the spraying device can consist of a certain number of curved spraying elements arranged in roughly horizontal parallel planes, these spraying elements

being arranged so as to produce streams in roughly converging directions as shown by the top view of Figure 2. The angle of opening of the curve of the spraying elements can of course be chosen freely.

At the entrance of the chamber, a pre-payment apparatus can advantageously be arranged, coupled with a lock of the entrance door so as to only allow access to the chamber after payment of the desired price without an official having to be permanently present.

The use of the chamber is simple. The user authorized to access the chamber, after having undressed in compartment 2, goes into compartment 3 and positions himself in a suitable manner in it. He can then actuate the triggering device if applicable unless this device is provided so as to be actuated automatically when the user has suitably positioned himself.

Claims

1. A chamber for spraying of a sun protection and tanning product, characterized by the fact that it has a first compartment used as dressing room, a second compartment separated from the first by a partition, a spraying device connected to a tank containing a sun protection and tanning product and arranged so as to spray said product in the second compartment, and a device for triggering of the spraying device.
2. A chamber according to Claim 1, characterized by the fact that the spraying device has any number of spraying elements arranged on one or more walls of said second compartment.
3. A chamber according to Claim 1, characterized by the fact that the spraying device has any number of spraying elements arranged so as to produce streams in roughly converging directions.
4. A chamber according to Claim 3, characterized by the fact that the spraying elements are curved elements arranged in roughly horizontal parallel planes.
5. A chamber according to any one of Claims 1 to 4, characterized by the fact that it has a pre-payment apparatus arranged so as to release the entrance door of the chamber after payment of the entrance fee.

//insert Figures 1 and 2//

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